

DERWENT-ACC-NO: 1998-217995
DERWENT-WEEK: 200137
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TITLE: Tablets containing 1-O--a-D-glucopyranosyl-D-sorbitol
- and optionally
other glucosyl-sugar alcohol, preferably chewable or suckable
tablet, useful as
sweetener with enhanced solubility

INVENTOR: RAPP, K M; WILLIBALD-ETTLE, I

PATENT-ASSIGNEE: SUEDZUCKER AG MANNHEIM/OCHSENFURT [SUEDN],
SUEDZUCKER
AG [SUEDN]

PRIORITY-DATA: 1996DE-1039343 (September 25, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
MX 9902801 A1	August 1, 2000	N/A
000	A23L 001/236	
DE 19639343 A1	April 2, 1998	N/A
005	A61K 009/20	
WO 9812936 A1	April 2, 1998	G
000	A61K 009/20	
AU 9742983 A	April 17, 1998	N/A
000	A23L 001/236	
DE 19639343 C2	October 8, 1998	N/A
000	A61K 009/20	
EP 929234 A1	July 21, 1999	G
000	A23L 001/236	
NZ 335316 A	September 29, 1999	N/A
000	A23L 001/236	
AU 717512 B	March 30, 2000	N/A
000	A23L 001/236	
BR 9713220 A	April 4, 2000	N/A
000	A23L 001/236	
US 6224904 B1	May 1, 2001	N/A
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JP 2001504687	April 10, 2001	N/A
013	A23L 001/236	
W		

DESIGNATED-STATES: AU BR CA IL JP MX NZ RU US AT BE CH DE DK
 ES FI FR GB GR IE I
 T LU MC NL PT SE AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC
 NL PT SE

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
MX 9902801A1	N/A	1999MX-0002801
March 24, 1999		
DE 19639343A1	N/A	1996DE-1039343
September 25, 1996		
WO 9812936A1	N/A	1997WO-EP04346
August 9, 1997		
AU 9742983A	N/A	1997AU-0042983
August 9, 1997		
AU 9742983A	Based on	WO 9812936
N/A		
DE 19639343C2	N/A	1996DE-1039343
September 25, 1996		
EP 929234A1	N/A	1997EP-0918971
August 9, 1997		
EP 929234A1	N/A	1997WO-EP04346
August 9, 1997		
EP 929234A1	Based on	WO 9812936
N/A		
NZ 335316A	N/A	1997NZ-0335316
August 9, 1997		
NZ 335316A	N/A	1997WO-EP04346
August 9, 1997		
NZ 335316A	Based on	WO 9812936
N/A		
AU 717512B	N/A	1997AU-0042983
August 9, 1997		
AU 717512B	Previous Publ.	AU 9742983
N/A		
AU 717512B	Based on	WO 9812936
N/A		
BR 9713220A	N/A	1997BR-0013220
August 9, 1997		
BR 9713220A	N/A	1997WO-EP04346
August 9, 1997		
BR 9713220A	Based on	WO 9812936
N/A		
US 6224904B1	N/A	1997WO-EP04346
August 9, 1997		
US 6224904B1	N/A	1999US-0147903
May 27, 1999		

US 6224904B1	Based on	WO 9812936
N/A		
JP2001504687W	N/A	1997WO-EP04346
August 9, 1997		
JP2001504687W	N/A	1998JP-0515183
August 9, 1997		
JP2001504687W	Based on	WO 9812936
N/A		

INT-CL (IPC): A23L001/236; A61K009/20 ; A61K047/26 ;
C07H015/04

ABSTRACTED-PUB-NO: DE 19639343A

BASIC-ABSTRACT: Compressed formulation (F) contains (A) 1-O-
alpha
-D-glucopyranosyl-D-sor- bitol (1,1-GPS).

Also claimed is (F) containing a sweetening mixture (B) of
6-O- alpha
-D-glucopyranosyl-D-sorbitol (1,6-GPS), 1,1-GPS and 1-O-
alpha
-D-glucopyranosyl-D-mannitol (1,1-GPM).

USE - (F) contains additional mono- or di-saccharides (or
their alcohols),
starch or cellulose (or their derivatives) or inulin; intense
sweetener
(preferably acesulfame K, thaumatin, glycyrrhizin, saccharin
or cyclamate),
aroma (preferably fruit or peppermint aroma), colour, or
disintegration agent
(preferably bicarbonate or carboxymethyl cellulose); and/or a
pharmaceutical,
(preferably an enzyme, coenzyme, antibiotic, microbicide,
fungicide, nicotine,
caffeine, menthol or eucalyptus). (A) and (B) are used as
powders to improve
compression (tableting) properties, and the products are
suckable or chewable
tablets (all claimed).

ADVANTAGE - The formulation has improved sweetener,
solubility and condensate
properties compared to other similar formulations.

ABSTRACTED-PUB-NO: US 6224904B

EQUIVALENT-ABSTRACTS: Compressed formulation (F) contains (A)
1-O- alpha

-D-glucopyranosyl-D-sor- bitol (1,1-GPS).

Also claimed is (F) containing a sweetening mixture (B) of
6-O- alpha

-D-glucopyranosyl-D-sorbitol (1,6-GPS), 1,1-GPS and 1-O-
alpha

-D-glucopyranosyl-D-mannitol (1,1-GPM).

USE - (F) contains additional mono- or di-saccharides (or
their alcohols),
starch or cellulose (or their derivatives) or inulin; intense
sweetener

(preferably acesulfame K, thaumatin, glycyrrhizin, saccharin
or cyclamate),

aroma (preferably fruit or peppermint aroma), colour, or
disintegration agent

(preferably bicarbonate or carboxymethyl cellulose); and/or a
pharmaceutical,

(preferably an enzyme, coenzyme, antibiotic, microbicide,
fungicide, nicotine,

caffeine, menthol or eucalyptus). (A) and (B) are used as

powders to improve

compression (tableting) properties, and the products are

suckable or chewable

tablets (all claimed).

ADVANTAGE - The formulation has improved sweetener,
solubility and condensate
properties compared to other similar formulations.

CHOSEN-DRAWING: Dwg.0/1

TITLE-TERMS:

TABLET CONTAIN GLUCOPYRANOSYL SORBITOL OPTION GLUCOSYL SUGAR

ALCOHOL PREFER

CHEW TABLET USEFUL SWEET ENHANCE SOLUBLE

DERWENT-CLASS: B03 D13 E13

CPI-CODES: B07-A02B; D03-H01A; E07-A02H;

CHEMICAL-CODES:

Chemical Indexing M1 *01*

Fragmentation Code

M421 M423 M430 M431 M782 M903 P200 P241 Q220 Q222

R038 V000 V001 V400 V406 V711 V712 V713 V714 V723

V772 V794 V801 V802 V810